

ABSTRACT

A method, system, and article of manufacture for transforming a relational database having a hierarchical parent-child structure into a flat database more amendable to conventional data mining techniques. Generate a hierarchical data tree based on a relational data model. Perform a bottom-up summarization starting from the children and proceeding to the next higher level. Append to parent records new fields summarizing the contents of child records associated therewith. Also a computer system comprising means for performing these functions.